

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
27 May 2004 (27.05.2004)

PCT

(10) International Publication Number  
**WO 2004/044487 A2**

(51) International Patent Classification<sup>7</sup>: **F21V 9/00**

(21) International Application Number:  
PCT/IB2003/004753

(22) International Filing Date: 27 October 2003 (27.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02079742.9 14 November 2002 (14.11.2002) EP  
03075078.0 13 January 2003 (13.01.2003) EP

(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];  
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BROERSMA,**

Rémy, C. [NL/FR]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DREUNING, Hendrik-Jan** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HENDRIKS, Rene, J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

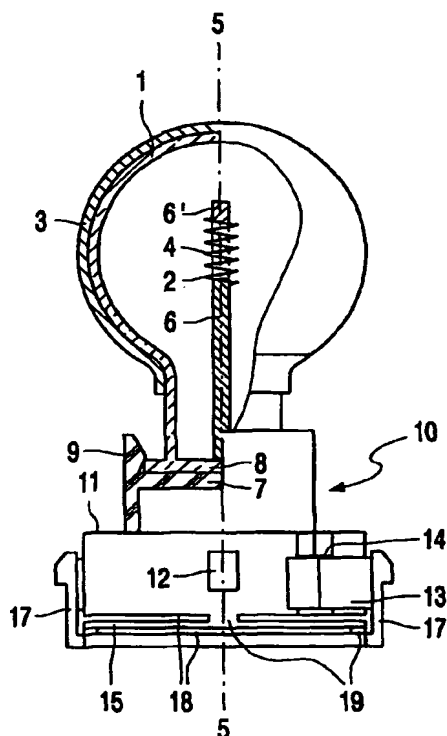
(74) Agent: **VAN WERMESKERKEN, Stephanie, C.**; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: **LIGHT-TRANSMITTING SUBSTRATE PROVIDED WITH A LIGHT-ABSORBING COATING AS WELL AS A METHOD OF PREPARING A LIGHT-ABSORBING COATING**



(57) **Abstract:** Disclosed is a light-transmitting substrate that is at least partly provided with a light-absorbing coating. The light-absorbing coating comprises stabilized pigments, which are incorporated in a sol-gel matrix. The coating at least comprises an organic pigment and that an aminosilane is present in order to stabilize the pigments. Moreover, an electric lamp comprising a light-transmitting lamp vessel that accommodates a light source is disclosed. Said lamp vessel comprises the above light-transmitting substrate.